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TITLE Plant Reproduction. Plant Life in Action[TM]. Schlessinger Science Library. [Videotape].

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NOTE Op.; For other videotapes in this series, see SE 064 099-104. Videotape designed for grades 5-8.

AVAILABLE FROM Schlessinger Media, Div. of Library Video Company, P.O. Box 580, Wynnewood, PA 19096 (6 volume set, \$214.70; each 23-minute videotape, \$39.95). Tel: 800-843-3620 (Toll Free); Web site: <http://www.libraryvideo.com>.

PUB TYPE Guides - Classroom - Teacher (052) -- Non-Print Media (100)

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DESCRIPTORS Hands on Science; Intermediate Grades; Junior High Schools; *Plants (Botany); *Reproduction (Biology); Science Activities; Science Education; Science Experiments; Videotape Recordings

IDENTIFIERS Algae; Flowers; Fruits; *Seeds

ABSTRACT

Plants are vital to all other life on this planet - without them, there would be no food, shelter or oxygen. Luckily, over millions of years plants have developed many different features in order to survive and reproduce. In Plant Reproduction, students will discover that primitive mosses and algae are dependent upon water for their reproduction. Students will learn about the rise of fruit-bearing angiosperms as the dominant plants on Earth and the secret to their success - flowers. Diagrams and microscopic photography illustrate the structures involved in flower pollination, beginning with the transfer of pollen from stamen to pistil and continuing through the development of seeds and fruit. In a hands-on experiment suitable for the classroom, students will also explore the concept of vegetative propagation and the benefits of this type of reproduction. This program is based on the concepts outlined in the National Science Education Standards for Life Science: Structure & Function in Living Systems, Reproduction & Heredity, Regulation & Behavior, Populations & Ecosystems and Diversity & Adaptations of Organisms. This title includes a teacher's guide. (ASK)